Assignment

Feb19/ DBT/ 009

Database Technologies

Diploma in Advance Computing

February 2019

**Aggregate Functions.**

USE ***student\_phone, student\_address, faculty\_phone, faculty\_address, batch\_students, course\_batches, student\_qualifications, faculty\_qualifications, course\_modules, modules, faculty, student, course*** relation to solve the following queries.

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| 1. Count total number of student. |
| select count(\*) from student; |
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| 1. Count total number of student who are born in 1986. |
| select count(\*) from student where year(DOB) = 1986; |
|  |
| 1. Count total number of students whose namefirst starts with the letter ‘B’. |
| select count(\*) from student where namefirst like 'B%'; |
|  |
| 1. Count total number student who were born in ‘July. |
| select count(\*) from student where date\_format(dob, '%M') = 'July'; |
|  |
| 1. Display student namefirst and count the student who are having more than two phone. |
| select namefirst, count(\*) from student, student\_phone where student.ID = student\_phone.studentID group by namefirst having count(\*) > 2; |
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| 1. Count number of hobbies every employee is having. |
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| 1. Count total number of unique hobbies. |
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| 1. Count how many employees has done ‘BE’. |
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| 1. Stream wise count of employees who have taken admission in ‘BE’. |
| select stream, count(\*) from n2qualification where name = 'BE' group by stream; |
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| 1. Stream wise count of employees who have taken admission in ‘BE’ and have secured ‘A’ grade. |
| select stream, count(\*) from n2qualification where name='BE' and grade='A' group by stream; |
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| 1. Count unique cities from n2address relation. |
| select count(distinctrow city) from n2address; |
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| 1. Count how many employee are staying in ‘Pune’ city. |
| select count(\*) from n2address where city = 'pune'; |
|  |
| 1. Count the number of employee who have more than 60% in ‘BE’. |
| select count(\*) from n2qualification where percentage > 60 and name = 'BE'; |
|  |
| 1. Stream wise count of employee who have more than 60% in ‘BE’. |
| select stream, count(\*) from n2qualification where percentage > 60 and name = 'BE' group by stream; |
|  |
| 1. Count how many employees are from ‘PUNE’ city. (*use n2address relation*) |
| select count(\*) from n2address where city = 'PUNE'; |
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